

IN THE CLAIMS:

Please enter the following amended claims as follows:

1. (currently amended) A blade cooling arrangement comprising a mounting hub and a blade root having a coolant gallery formed between said hub and said root and including at least one coolant passage opening and a flow deflector associated with that passage opening to deflect coolant flow through the coolant gallery towards the passage opening wherein the flow deflector is positioned in the coolant gallery and extends from one side across said coolant gallery to engage the other side of said coolant gallery.
2. (previously amended) A flow deflector arrangement for a turbine blade, the arrangement comprising a mounting hub and a blade root having a coolant gallery formed therebetween, and flow deflector positioned adjacent the coolant passage opening in said coolant gallery, the deflector associated with a coolant passage opening to deflect coolant flow in the gallery towards the passage opening whereby such deflection is progressive in order to limit coolant flow pressure loss upon passage through the coolant passage opening.
3. (original) An arrangement as claimed in claim 1 wherein the flow deflector has a curved surface to progressively deflect the coolant flow towards the passage opening.
4. (original) An arrangement as claimed in claim 1 wherein the flow deflector is a ramp or wedge to lift coolant flow towards the passage opening to achieve progressive deflection of the coolant flow towards that passage opening.
5. (original) An arrangement as claimed in claim 1 wherein there is a plurality of flow deflectors to progressively deflect coolant flow towards the passage opening.
6. (original) An arrangement as claimed in claim 1 wherein the flow deflector extends upwardly from the mounting hub towards the passage opening.
7. (original) An arrangement as claimed in claim 1 wherein the flow deflector extends downwardly from the blade root away from the passage opening.
8. (original) An arrangement as claimed in claim 1 wherein the flow deflector is

adjustable dependent upon specific requirements.

9. (original) An arrangement as claimed in claim 8 wherein adjustment of the flow deflector is by variation in material dimensions as a result of one of differential expansion and contraction relative to one of the mounting hub and the blade root.

10. (cancelled).